

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030572.D
 Acq On : 29 Oct 2017 22:03
 Operator : SJ/JU
 Sample : I6094-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:04:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72434	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	306880	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	204807	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	512151	20.00	ng	0.00
75) Chrysene-d12	21.79	240	549247	20.00	ng	0.00
86) Perylene-d12	25.11	264	543957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	614323	141.68	ng	0.00
7) Phenol-d6	7.32	99	748755	123.03	ng	0.00
23) Nitrobenzene-d5	9.33	82	508732	105.35	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	331456	125.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1366372	97.85	ng	0.00
78) Terphenyl-d14	20.11	244	2193097	90.84	ng	0.00

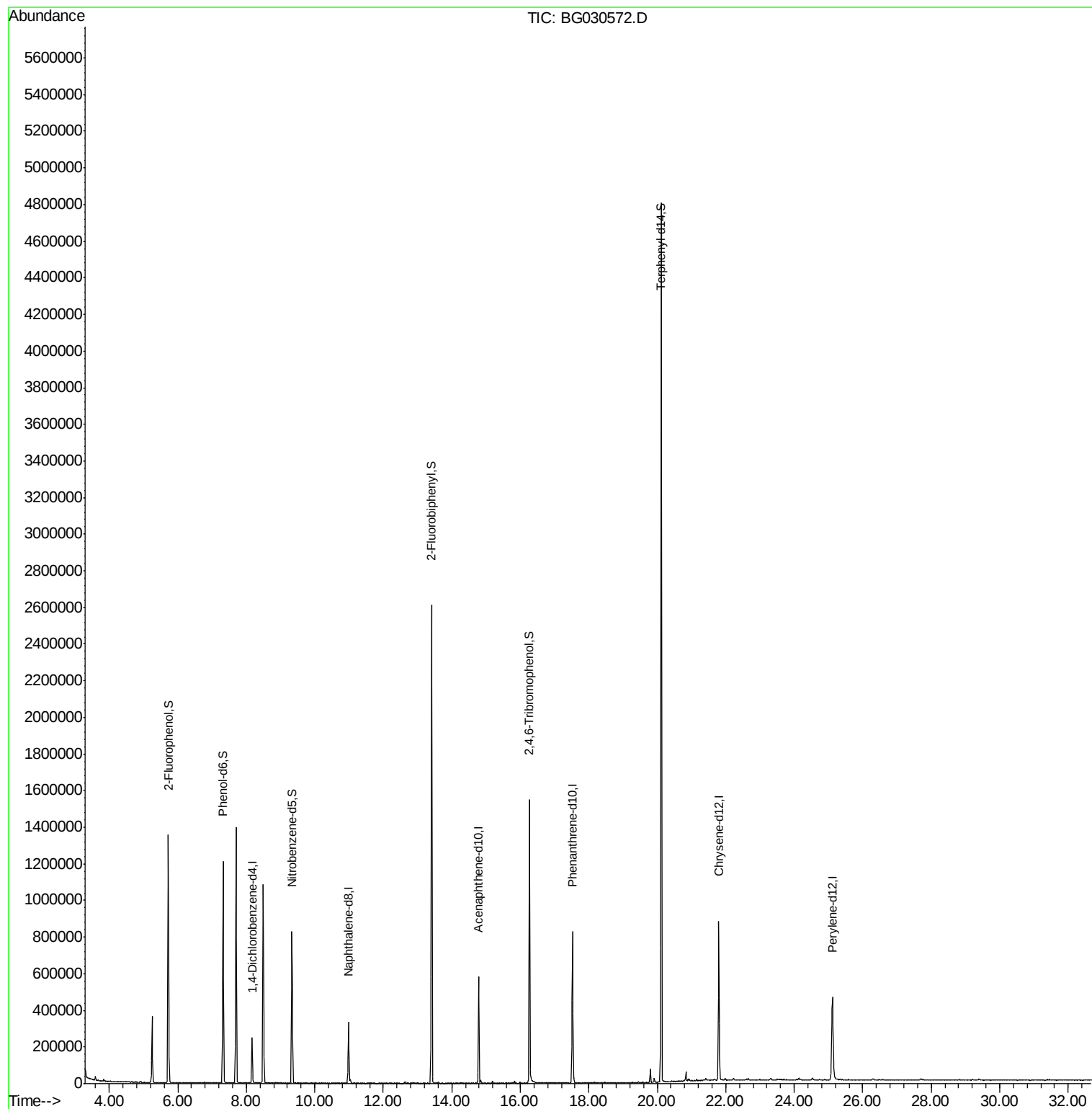
Target Compounds Qvalue

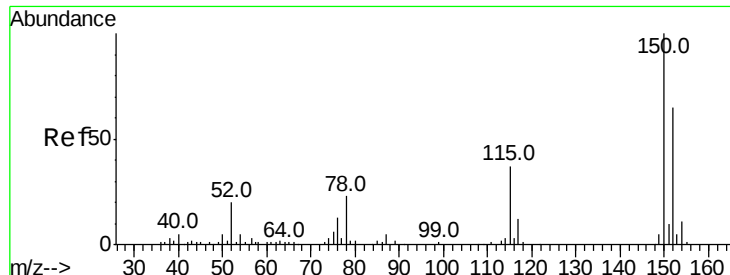
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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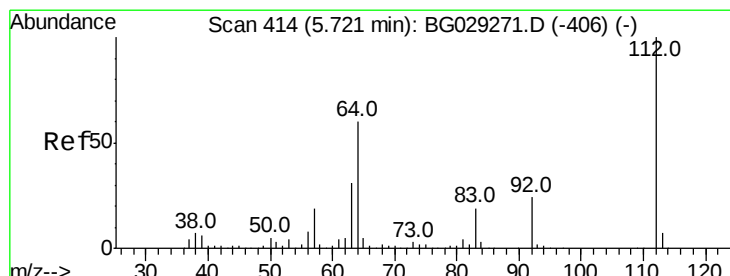
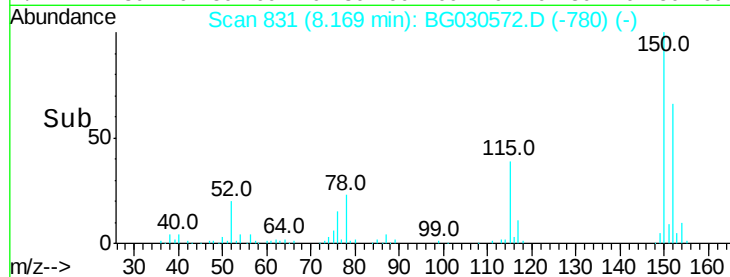
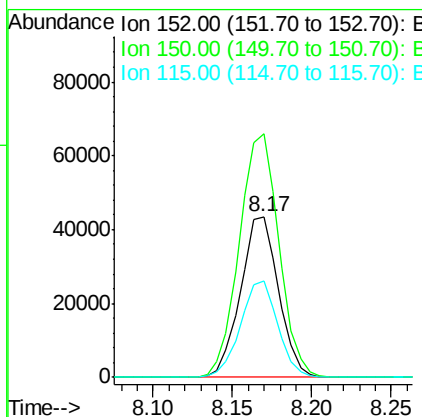
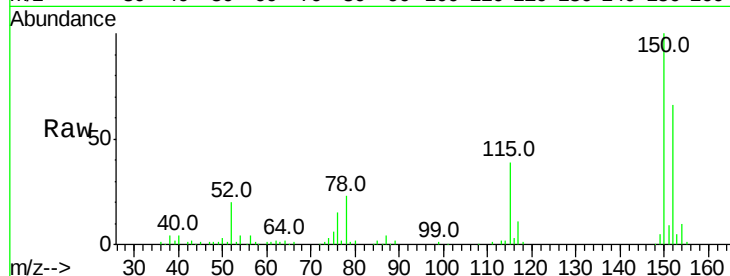




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

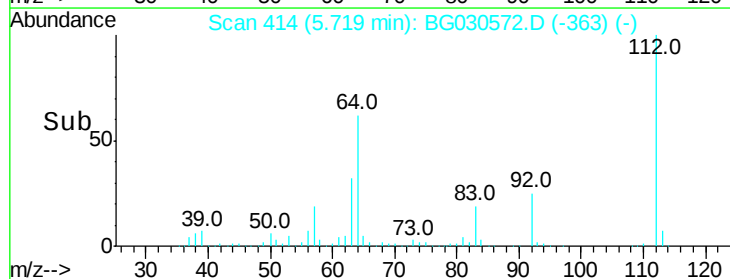
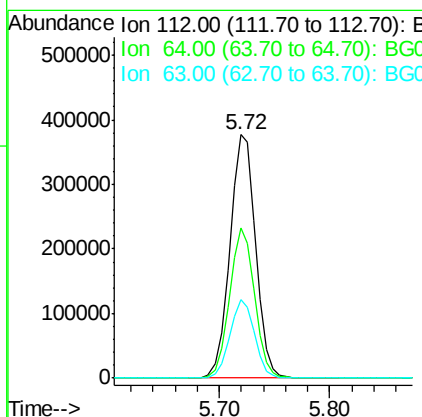
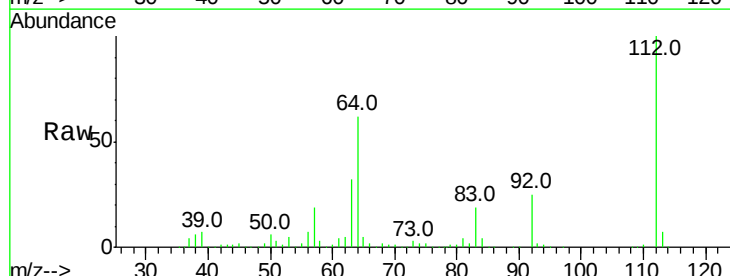
Instrument :
 BNA_G
 ClientSampled :

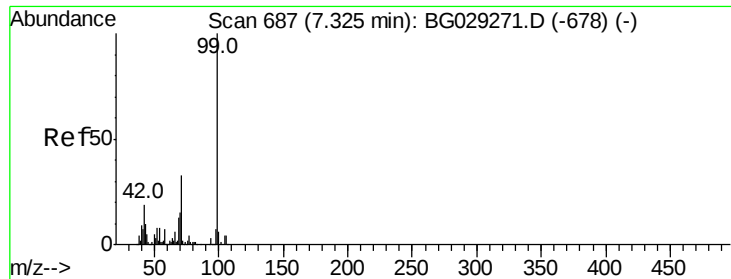
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	59.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 141.682 ng
 RT: 5.72 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	32.1	30.1	45.1





#7

Phenol-d6

Concen: 123.026 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030572.D

Acq: 29 Oct 2017 22:03

Instrument :

BNA_G

ClientSampleId :

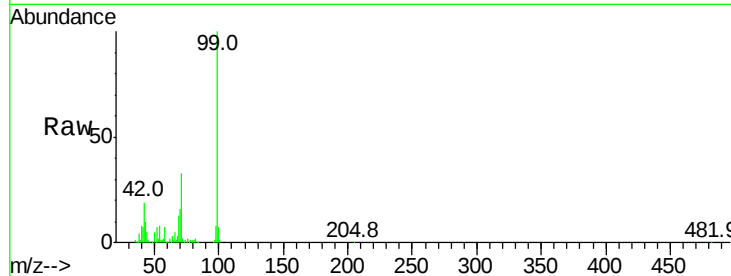
Tot Ion: 99 Resp: 748755

Ion Ratio Lower Upper

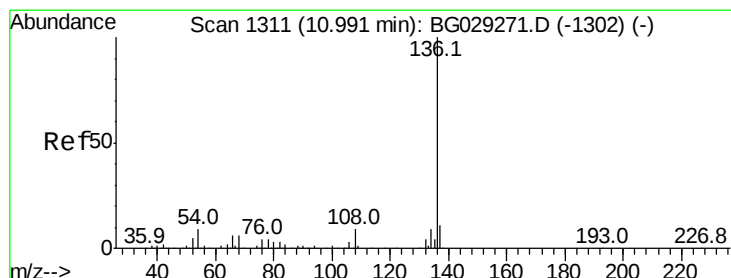
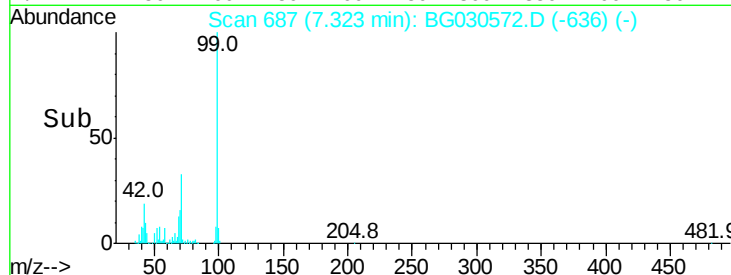
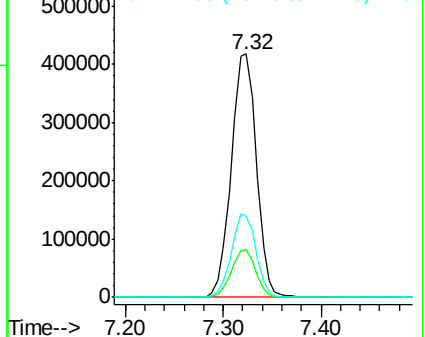
99 100

42 19.5 14.1 21.1

71 33.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030572.D

Acq: 29 Oct 2017 22:03

Tgt Ion: 136 Resp: 306880

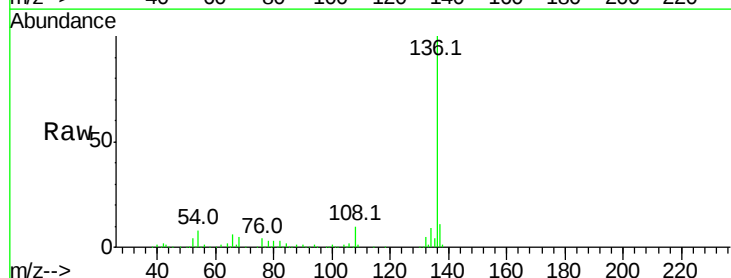
Ion Ratio Lower Upper

136 100

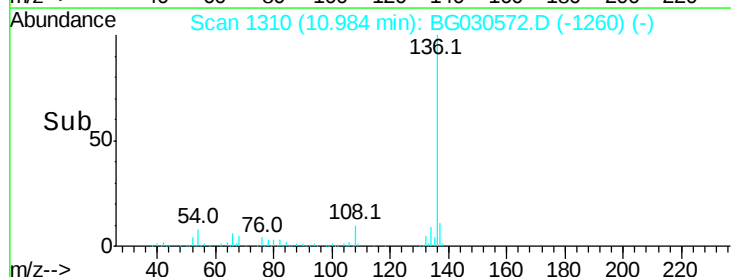
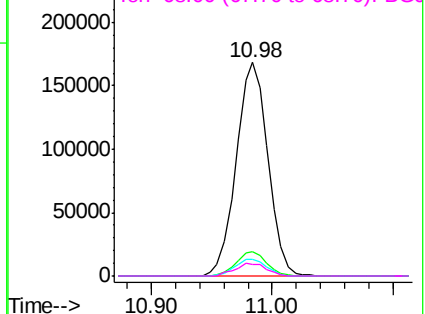
137 11.3 9.2 13.8

54 7.8 10.3 15.5#

68 5.2 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

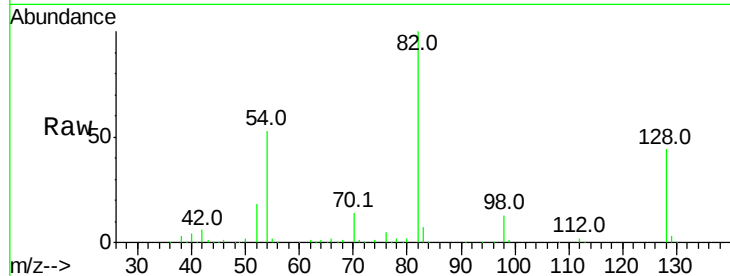




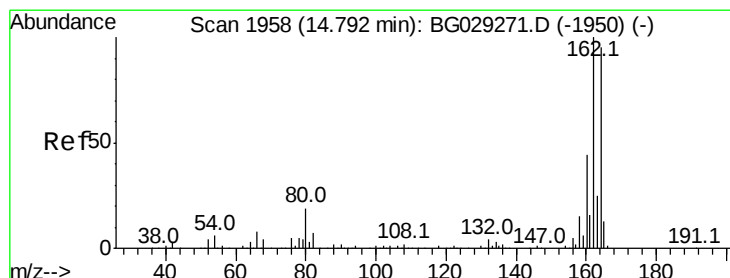
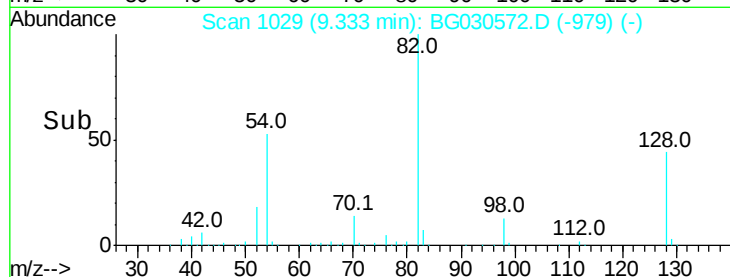
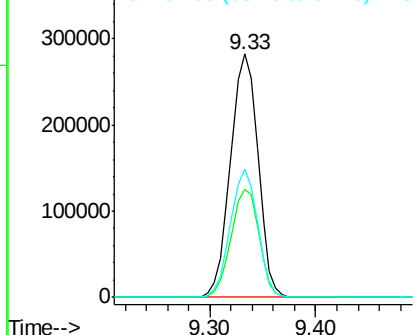
#23
Nitrobenzene-d5
Concen: 105.346 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030572.D
Acq: 29 Oct 2017 22:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.7	44.5
54	52.6	43.1	64.7

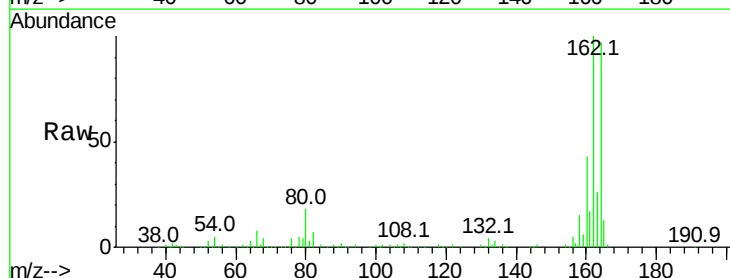


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

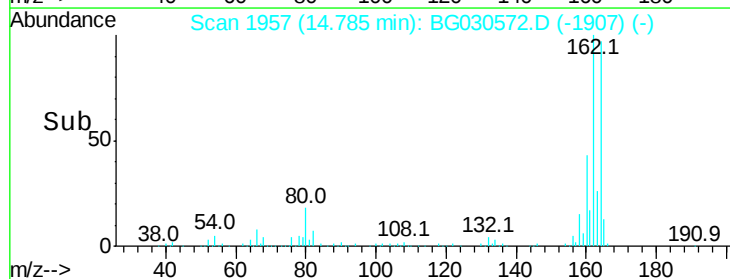
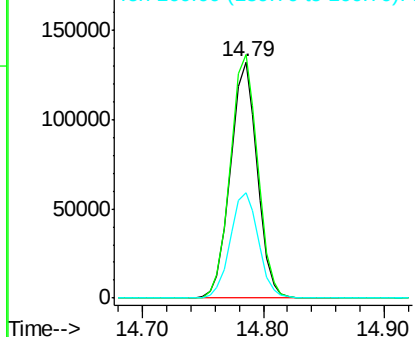


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030572.D
Acq: 29 Oct 2017 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

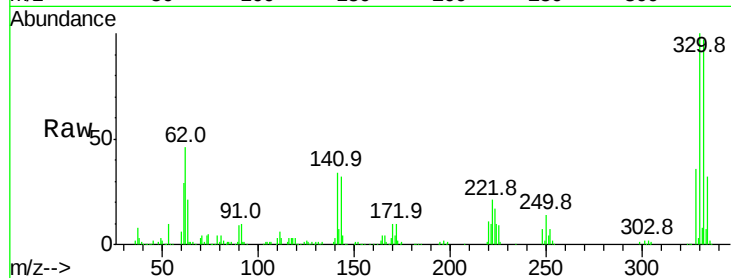




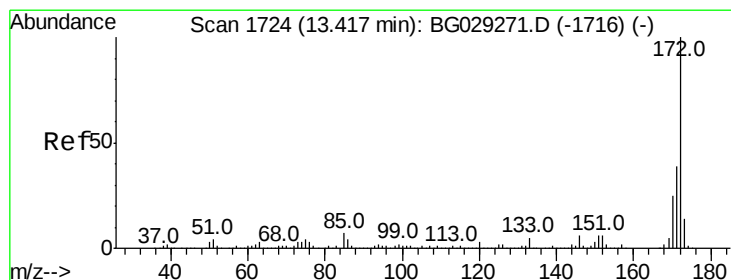
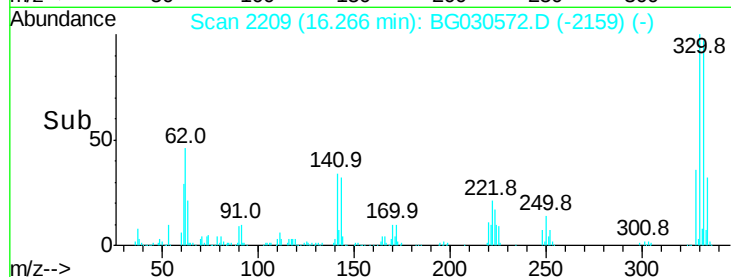
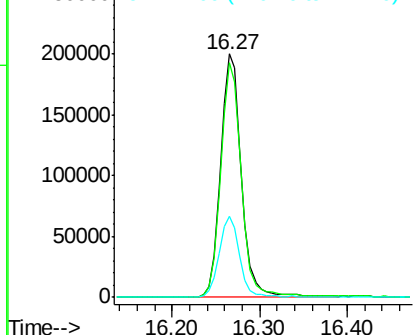
#41
 2,4,6-Tribromophenol
 Concen: 125.349 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 331456
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 32.5 25.2 37.8

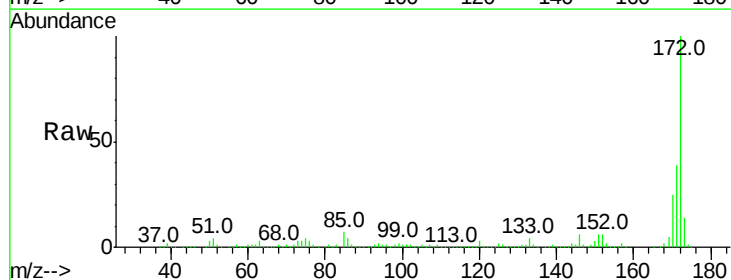


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

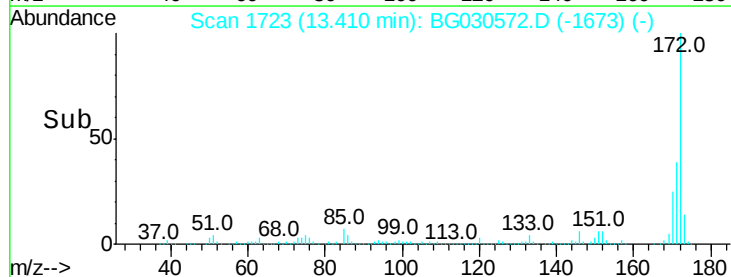
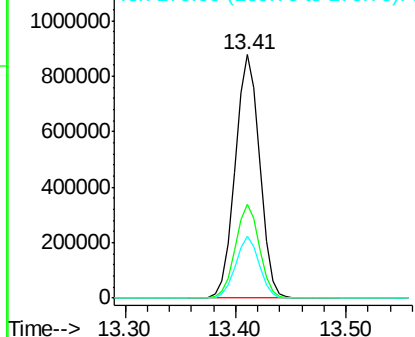


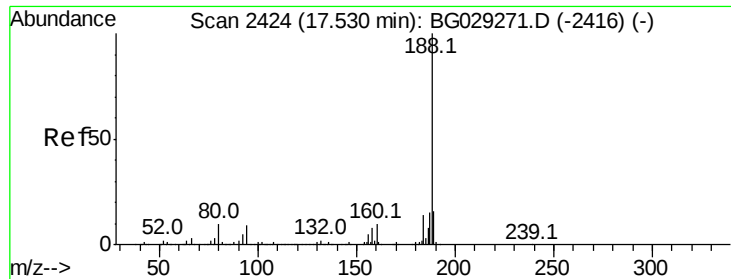
#44
 2-Fluorobiphenyl
 Concen: 97.848 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

Tgt Ion:172 Resp: 1366372
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG030572.D

Acq: 29 Oct 2017 22:03

Instrument :

BNA_G

ClientSampleId :

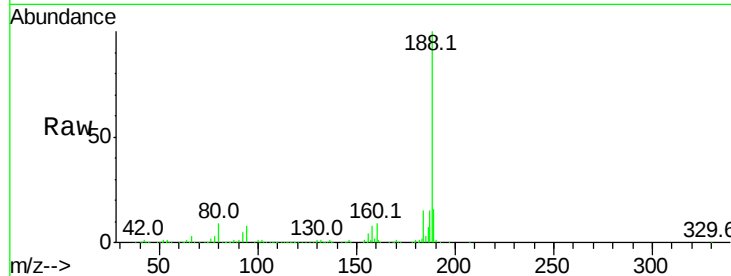
Tot Ion:188 Resp: 512151

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

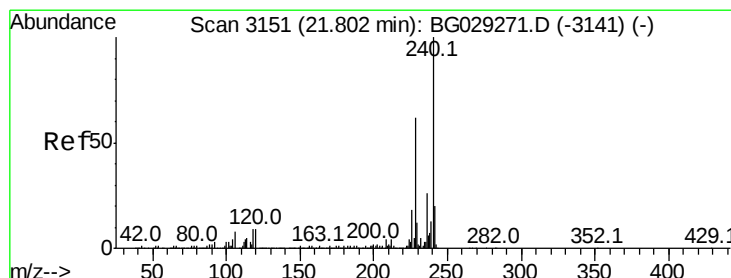
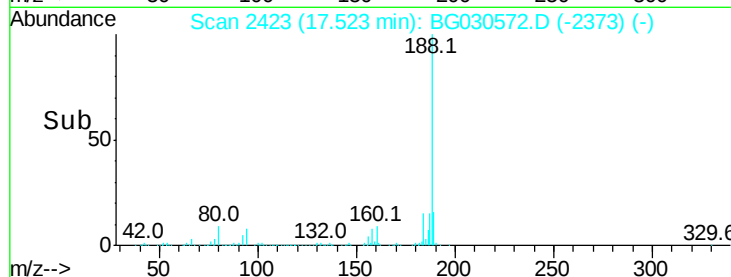
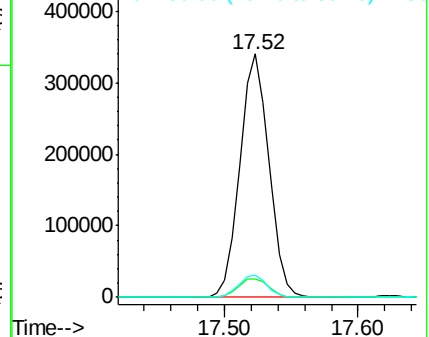
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030572.D

Acq: 29 Oct 2017 22:03

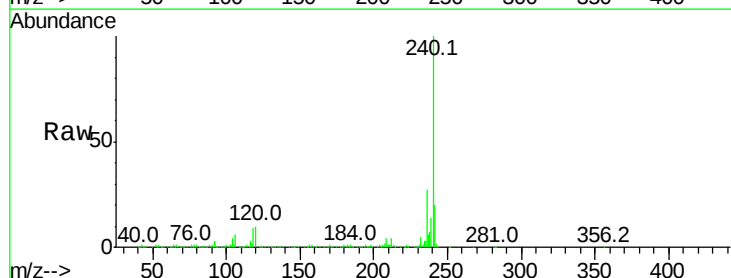
Tgt Ion:240 Resp: 549247

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

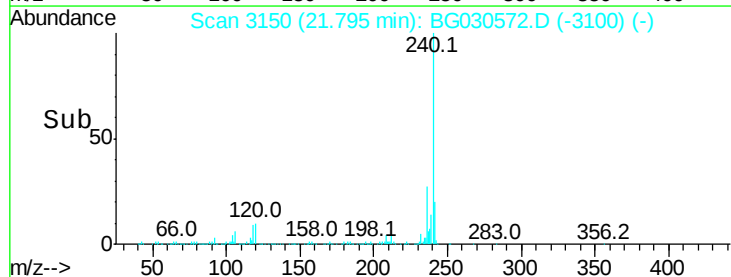
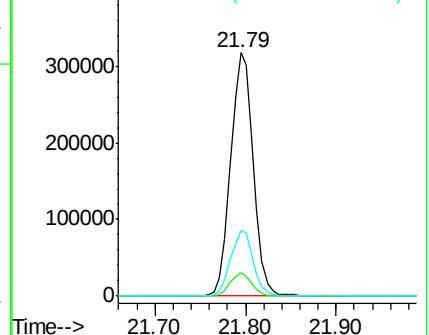
236 27.2 20.9 31.3

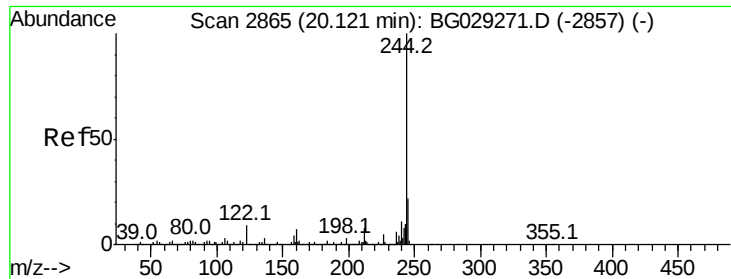


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

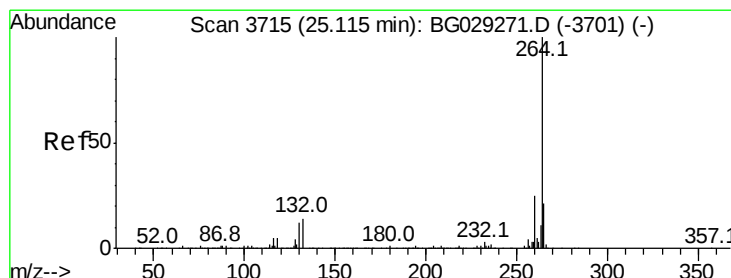
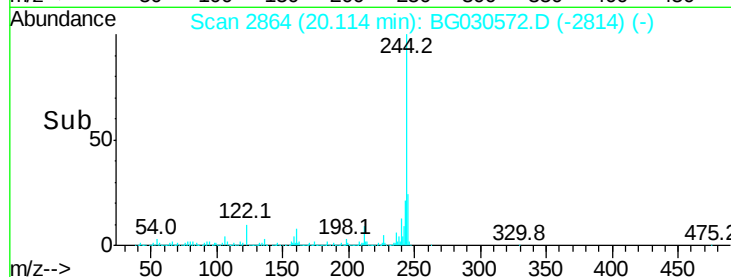
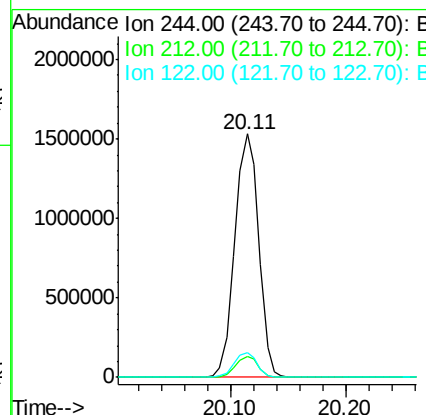
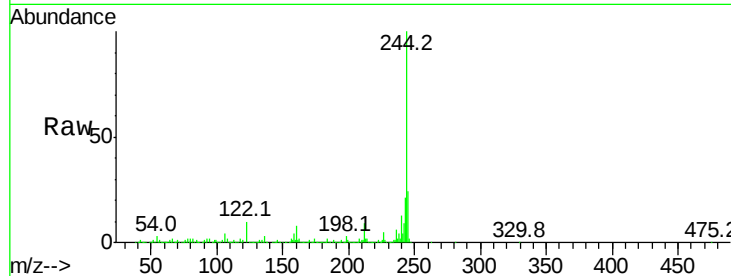




#78
 Terphenyl-d14
 Concen: 90.836 ng
 RT: 20.11 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2193097
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 10.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030572.D
 Acq: 29 Oct 2017 22:03

Tgt Ion:264 Resp: 543957
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 20.7 17.7 26.5

